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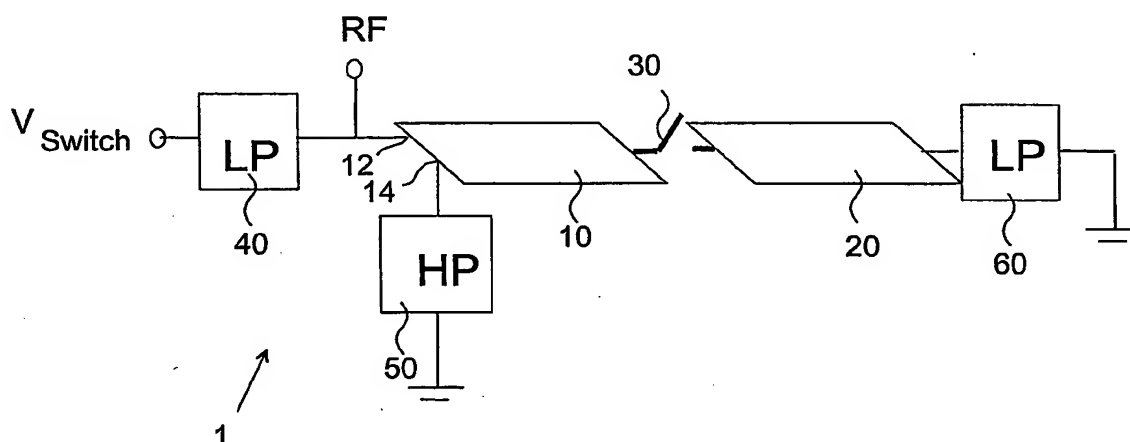
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(54) Title: ANTENNA DEVICE AND PORTABLE RADIO COMMUNICATION DEVICE COMPRISING SUCH AN ANTENNA DEVICE



(57) Abstract: A multi-band antenna device for a portable radio communication device has first and second radiating elements (10, 20). A controllable switch (30) is arranged between the radiating elements for selectively interconnecting and disconnecting thereof. The state of the switch is controlled by means of a control voltage input (VSwitch). A filter (40) that blocks radio frequency signals is arranged between the feeding portion and the control voltage input. A DC blocking arrangement (50) is arranged between a grounding portion (14) on the first radiating element and ground wherein the first and second radiating element are generally planar and arranged at a predetermined distance above a ground plane. By means of this arrangement, two broad and spaced apart frequency bands are obtained with retained performance and small overall size of the antenna device. A communication device comprising such an antenna device is also provided.

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